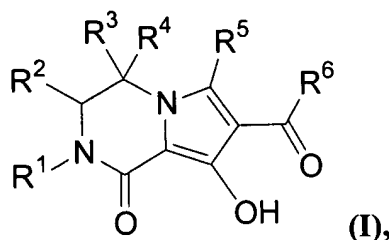


**10/526280**  
**BT01 Rec'd PCT/PTC 01 MAR 2005**

IN THE CLAIMS

The listing of the claims which follows replaces any and all prior versions and/or listings of the claims in the application.

1. (original) A compound of Formula (I), or a pharmaceutically acceptable salt thereof:



wherein

R<sup>1</sup> is -H, -C<sub>1-6</sub> alkyl, -C<sub>3-6</sub> cycloalkyl, or -C<sub>1-6</sub> alkyl which is substituted with 1 or 2 substituents each of which is independently:

- (1) C<sub>3-8</sub> cycloalkyl,
- (2) aryl,
- (3) a 5- or 6-membered saturated or mono-unsaturated heterocyclic ring containing from 1 to 4 heteroatoms independently selected from N, O and S,
- (4) a 5- or 6-membered heteroaromatic ring containing from 1 to 4 heteroatoms independently selected from N, O and S, or
- (5) a 9- or 10-membered fused bicyclic heterocycle containing from 1 to 4 heteroatoms independently selected from N, O and S, wherein at least one of the rings is aromatic;

wherein

- (A) each cycloalkyl is optionally substituted with from 1 to 3 substituents, each of which is independently halo, -C<sub>1-6</sub> alkyl, or -O-C<sub>1-6</sub> alkyl;
- (B) each aryl is optionally substituted with from 1 to 5 substituents each of which is independently
  - (1) -C<sub>1-6</sub> alkyl, optionally substituted with from 1 to 3 substituents each of which is independently -OH, -O-C<sub>1-6</sub> alkyl, -O-C<sub>1-6</sub> haloalkyl, -CN, -NO<sub>2</sub>, -N(R<sup>a</sup>R<sup>b</sup>), -C(=O)N(R<sup>a</sup>R<sup>b</sup>), -C(=O)R<sup>a</sup>, -CO<sub>2</sub>R<sup>c</sup>, -S(O)<sub>n</sub>R<sup>c</sup>, -SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>), -N(R<sup>a</sup>)C(=O)R<sup>b</sup>, -N(R<sup>a</sup>)CO<sub>2</sub>R<sup>c</sup>, -N(R<sup>a</sup>)SO<sub>2</sub>R<sup>c</sup>, -N(R<sup>a</sup>)SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>), -OC(=O)N(R<sup>a</sup>R<sup>b</sup>), or -N(R<sup>a</sup>)C(=O)N(R<sup>a</sup>R<sup>b</sup>),

- (2) -O-C<sub>1-6</sub> alkyl, optionally substituted with from 1 to 3 substituents each of which is independently -OH, -O-C<sub>1-6</sub> alkyl, -O-C<sub>1-6</sub> haloalkyl, -S(O)<sub>n</sub>R<sup>c</sup>, -C(=O)N(R<sup>a</sup>R<sup>b</sup>), -SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>), -N(R<sup>a</sup>)C(=O)R<sup>b</sup>, -N(R<sup>a</sup>)CO<sub>2</sub>R<sup>c</sup>, -N(R<sup>a</sup>)SO<sub>2</sub>R<sup>c</sup>, -N(R<sup>a</sup>)SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>), -OC(=O)N(R<sup>a</sup>R<sup>b</sup>), or -N(R<sup>a</sup>)C(=O)N(R<sup>a</sup>R<sup>b</sup>),
  - (3) -C<sub>1-6</sub> haloalkyl,
  - (4) -O-C<sub>1-6</sub> haloalkyl,
  - (5) -OH,
  - (6) halo,
  - (7) -CN,
  - (8) -NO<sub>2</sub>,
  - (9) -N(R<sup>a</sup>R<sup>b</sup>),
  - (10) -C(=O)N(R<sup>a</sup>R<sup>b</sup>),
  - (11) -C(=O)R<sup>a</sup>,
  - (12) -CO<sub>2</sub>R<sup>c</sup>,
  - (13) -SR<sup>c</sup>,
  - (14) -S(=O)R<sup>c</sup>,
  - (15) -SO<sub>2</sub>R<sup>c</sup>,
  - (16) -N(R<sup>a</sup>)SO<sub>2</sub>R<sup>c</sup>,
  - (17) -SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>),
  - (18) -N(R<sup>a</sup>)C(=O)R<sup>b</sup>, or
  - (19) -N(R<sup>a</sup>)CO<sub>2</sub>R<sup>c</sup>;
- (C) each saturated or mono-unsaturated heterocyclic ring is
- (i) optionally substituted with from 1 to 5 substituents each of which is independently halogen, -C<sub>1-6</sub> alkyl, -C<sub>1-6</sub> haloalkyl, -O-C<sub>1-6</sub> alkyl, -O-C<sub>1-6</sub> haloalkyl, or oxo; and
  - (ii) optionally substituted with 1 or 2 substituents each of which is independently aryl or a 5- or 6-membered heteroaromatic ring containing from 1 to 4 heteroatoms independently selected from N, O and S; and
- (D) each heteroaromatic ring or each fused bicyclic heterocycle is
- (i) optionally substituted with from 1 to 7 substituents each of which is independently halogen, -C<sub>1-6</sub> alkyl, -C<sub>1-6</sub> haloalkyl, -O-C<sub>1-6</sub> alkyl, -O-C<sub>1-6</sub> haloalkyl, or oxo; and
  - (ii) optionally substituted with 1 or 2 substituents each of which is independently aryl or -C<sub>1-6</sub> alkyl-aryl;

R<sup>2</sup> is -H or -C<sub>1-6</sub> alkyl;

R<sup>3</sup> is -H, -C<sub>1-6</sub> alkyl, -C<sub>1-6</sub> haloalkyl, or -C<sub>1-6</sub> alkyl substituted with one of -OH, -O-C<sub>1-6</sub> alkyl, -O-C<sub>1-6</sub> haloalkyl, -CN, -NO<sub>2</sub>, -N(R<sup>a</sup>R<sup>b</sup>), -C(=O)N(R<sup>a</sup>R<sup>b</sup>), -C(=O)R<sup>a</sup>, -CO<sub>2</sub>R<sup>c</sup>, -S(O)<sub>n</sub>R<sup>c</sup>, -SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>), -N(R<sup>a</sup>)C(=O)R<sup>b</sup>, -N(R<sup>a</sup>)CO<sub>2</sub>R<sup>c</sup>, -N(R<sup>a</sup>)SO<sub>2</sub>R<sup>c</sup>, -N(R<sup>a</sup>)SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>), -OC(=O)N(R<sup>a</sup>R<sup>b</sup>), or -N(R<sup>a</sup>)C(=O)N(R<sup>a</sup>R<sup>b</sup>);

R<sup>4</sup> is:

- (1) -H,
- (2) -C<sub>1-6</sub> alkyl optionally substituted with one of -OH, -O-C<sub>1-6</sub> alkyl, -O-C<sub>1-6</sub> haloalkyl, -CN, -NO<sub>2</sub>, -N(R<sup>a</sup>R<sup>b</sup>), -C(=O)N(R<sup>a</sup>R<sup>b</sup>), -C(=O)R<sup>a</sup>, -CO<sub>2</sub>R<sup>c</sup>, -S(O)<sub>n</sub>R<sup>c</sup>, -SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>), -N(R<sup>a</sup>)-C(R<sup>b</sup>)=O, -N(R<sup>a</sup>)SO<sub>2</sub>R<sup>c</sup>, -N(R<sup>a</sup>)SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>), -OC(=O)N(R<sup>a</sup>R<sup>b</sup>), -N(R<sup>a</sup>)C(=O)N(R<sup>a</sup>R<sup>b</sup>), -O-C<sub>1-6</sub> alkyl-C(=O)N(R<sup>a</sup>R<sup>b</sup>), -S-C<sub>1-6</sub> alkyl-C(=O)N(R<sup>a</sup>R<sup>b</sup>), -N(R<sup>a</sup>)-C<sub>1-6</sub> alkyl-C(=O)N(R<sup>a</sup>R<sup>b</sup>), or -N(SO<sub>2</sub>R<sup>c</sup>)-C<sub>1-6</sub> alkyl-C(=O)N(R<sup>a</sup>R<sup>b</sup>),
- (3) -C<sub>1-6</sub> haloalkyl,
- (4) -C(=O)R<sup>a</sup>,
- (5) -CO<sub>2</sub>R<sup>c</sup>,
- (6) -C(=O)N(R<sup>a</sup>R<sup>b</sup>),
- (7) -SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>),
- (8) -C<sub>2-6</sub> alkenyl,
- (9) -C<sub>2-6</sub> alkenyl-C(=O)-N(R<sup>a</sup>)<sub>2</sub>,
- (10) -C<sub>2-5</sub> alkynyl,
- (11) -C<sub>2-5</sub> alkynyl-CH<sub>2</sub>N(R<sup>a</sup>)<sub>2</sub>,
- (12) -C<sub>2-5</sub> alkynyl-CH<sub>2</sub>OR<sup>a</sup>,
- (13) -C<sub>2-5</sub> alkynyl-CH<sub>2</sub>S(O)<sub>n</sub>R<sup>c</sup>, or
- (14) -R<sup>k</sup>,
- (15) -C<sub>1-6</sub> alkyl substituted with R<sup>k</sup>,
- (16) -C<sub>1-6</sub> haloalkyl substituted with R<sup>k</sup>,
- (17) -C<sub>1-6</sub> alkyl-O-R<sup>k</sup>,
- (18) -C<sub>1-6</sub> alkyl-O-C<sub>1-6</sub> alkyl-R<sup>k</sup>,
- (19) -C<sub>1-6</sub> alkyl-S(O)<sub>n</sub>-R<sup>k</sup>,
- (20) -C<sub>1-6</sub> alkyl-S(O)<sub>n</sub>-C<sub>1-6</sub> alkyl-R<sup>k</sup>,
- (21) -C<sub>1-6</sub> alkyl-N(R<sup>a</sup>)-R<sup>k</sup>,
- (22) -C<sub>1-6</sub> alkyl-N(R<sup>a</sup>)-C<sub>1-6</sub> alkyl-R<sup>k</sup>,

- (23) -C<sub>1-6</sub> alkyl-N(R<sup>a</sup>)-C<sub>1-6</sub> alkyl-OR<sup>k</sup>, with the proviso that the -N(R<sup>a</sup>)- moiety and the -OR<sup>k</sup> moiety are not both attached to the same carbon of the -C<sub>1-6</sub> alkyl-moiety,
- (24) -C<sub>1-6</sub> alkyl-C(=O)-R<sup>k</sup>,
- (25) -C<sub>1-6</sub> alkyl-C(=O)N(R<sup>a</sup>)-R<sup>k</sup>,
- (26) -C<sub>1-6</sub> alkyl-N(R<sup>a</sup>)C(=O)-R<sup>k</sup>,
- (27) -C<sub>1-6</sub> alkyl-C(=O)N(R<sup>a</sup>)-C<sub>1-6</sub> alkyl-R<sup>k</sup>, or
- (28) -C<sub>1-6</sub> alkyl-N(R<sup>a</sup>)-C<sub>0-6</sub> alkyl-S(O)<sub>n</sub>R<sup>k</sup>;

wherein R<sup>k</sup> is

- (i) aryl, which is optionally substituted with from 1 to 5 substituents each of which is independently -C<sub>1-6</sub> alkyl, -C<sub>1-6</sub> alkyl-OH, -C<sub>1-6</sub> alkyl-O-C<sub>1-6</sub> alkyl, -C<sub>1-6</sub> alkyl-O-C<sub>1-6</sub> haloalkyl, -C<sub>1-6</sub> alkyl-N(R<sup>a</sup>R<sup>b</sup>), -C<sub>1-6</sub> alkyl-C(=O)N(R<sup>a</sup>R<sup>b</sup>), -C<sub>1-6</sub> alkyl-C(=O)R<sup>a</sup>, -C<sub>1-6</sub> alkyl-CO<sub>2</sub>R<sup>c</sup>, -C<sub>1-6</sub> alkyl-S(O)<sub>n</sub>R<sup>c</sup>, -O-C<sub>1-6</sub> alkyl, -C<sub>1-6</sub> haloalkyl, -O-C<sub>1-6</sub> haloalkyl, -OH, halo, -N(R<sup>a</sup>R<sup>b</sup>), -C(=O)N(R<sup>a</sup>R<sup>b</sup>), -C(=O)R<sup>a</sup>, -CO<sub>2</sub>R<sup>c</sup>, -S(O)<sub>n</sub>R<sup>c</sup>, or -SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>);
- (ii) a 4- to 7-membered saturated or mono-unsaturated heterocyclic ring containing at least one carbon atom and from 1 to 4 heteroatoms independently selected from N, O and S, wherein the heterocyclic ring is:
- (a) optionally substituted with from 1 to 5 substituents each of which is independently halogen, -C<sub>1-6</sub> alkyl, -C<sub>1-6</sub> haloalkyl, -O-C<sub>1-6</sub> alkyl, -O-C<sub>1-6</sub> haloalkyl, or oxo; and
- (b) optionally mono-substituted with aryl or HetA;  
wherein HetA is a 5- or 6-membered heteroaromatic ring containing from 1 to 4 heteroatoms independently selected from N, O and S, wherein the heteroaromatic ring is optionally fused with a benzene ring, and HetA is optionally substituted with from 1 to 4 substituents each of which is independently -C<sub>1-6</sub> alkyl, -C<sub>1-6</sub> haloalkyl, -O-C<sub>1-6</sub> alkyl, -O-C<sub>1-6</sub> haloalkyl, or oxo; or
- (iii) a 5- or 6-membered heteroaromatic ring containing from 1 to 4 heteroatoms independently selected from N, O and S, wherein the heteroaromatic ring is optionally substituted with from optionally substituted with from 1 to 4 substituents each of which is independently -C<sub>1-6</sub> alkyl, -C<sub>1-6</sub> haloalkyl, -O-C<sub>1-6</sub> alkyl, -O-C<sub>1-6</sub> haloalkyl, or oxo;

R<sup>5</sup> is -H or -C<sub>1-6</sub> alkyl;

R<sup>6</sup> is:

- (1) -OH,
- (2) -O-C<sub>1-6</sub> alkyl,
- (3) -N(R<sup>u</sup>R<sup>v</sup>),
- (4) -O-C<sub>1-6</sub> haloalkyl,
- (5) -O-C<sub>1-6</sub> alkyl-aryl
- (6) -O-C<sub>1-6</sub> alkyl-HetB, or
- (7) -O-C<sub>1-6</sub> alkyl-HetC,

wherein

R<sup>u</sup> is -H or -C<sub>1-6</sub> alkyl;

R<sup>v</sup> independently has the same definition as R<sup>1</sup>;

HetB is a 5- or 6-membered saturated or mono-unsaturated ring containing from 1 to 4 heteroatoms independently selected from N, O and S, wherein the ring is optionally substituted with from 1 to 5 substituents each of which is independently halogen, -C<sub>1-6</sub> alkyl, -C<sub>1-6</sub> haloalkyl, -O-C<sub>1-6</sub> alkyl, -O-C<sub>1-6</sub> haloalkyl, or oxo; and

HetC is a 5- or 6-membered heteroaromatic ring containing from 1 to 4 heteroatoms independently selected from N, O and S, wherein the heteroaromatic ring is optionally substituted with from 1 to 4 substituents each of which is independently -C<sub>1-6</sub> alkyl, -C<sub>1-6</sub> haloalkyl, -O-C<sub>1-6</sub> alkyl, -O-C<sub>1-6</sub> haloalkyl, or oxo;

each R<sup>a</sup> and R<sup>b</sup> is independently -H or -C<sub>1-6</sub> alkyl;

each R<sup>c</sup> is independently a -C<sub>1-6</sub> alkyl; and

each n is independently an integer equal to 0, 1 or 2.

2. (original) The compound according to claim 1, or a pharmaceutically acceptable salt thereof, wherein:

R<sup>1</sup> is -C<sub>1-4</sub> alkyl mono-substituted with aryl; wherein the aryl is optionally substituted with from 1 to 4 substituents each of which is independently

- (1) -C<sub>1-4</sub> alkyl, optionally mono-substituted with -OH, -O-C<sub>1-4</sub> alkyl, -O-C<sub>1-4</sub> haloalkyl, -CN, -N(R<sup>a</sup>R<sup>b</sup>), -C(=O)N(R<sup>a</sup>R<sup>b</sup>), -C(=O)R<sup>a</sup>, -CO<sub>2</sub>R<sup>c</sup>, -S(O)<sub>n</sub>R<sup>c</sup>,

- SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>), -N(R<sup>a</sup>)C(=O)R<sup>b</sup>, -N(R<sup>a</sup>)CO<sub>2</sub>R<sup>c</sup>, -N(R<sup>a</sup>)SO<sub>2</sub>R<sup>c</sup>,  
-N(R<sup>a</sup>)SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>), -OC(=O)N(R<sup>a</sup>R<sup>b</sup>), or -N(R<sup>a</sup>)C(=O)N(R<sup>a</sup>R<sup>b</sup>),
- (2) -O-C<sub>1-4</sub> alkyl, optionally mono-substituted with -OH, -O-C<sub>1-4</sub> alkyl, -O-C<sub>1-4</sub> haloalkyl, -S(O)<sub>n</sub>R<sup>c</sup>, -N(R<sup>a</sup>)-CO<sub>2</sub>R<sup>c</sup>, -C(=O)N(R<sup>a</sup>R<sup>b</sup>), -SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>),  
-N(R<sup>a</sup>)C(=O)R<sup>b</sup>, -N(R<sup>a</sup>)CO<sub>2</sub>R<sup>c</sup>, -N(R<sup>a</sup>)SO<sub>2</sub>R<sup>c</sup>, -N(R<sup>a</sup>)SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>),  
-OC(=O)N(R<sup>a</sup>R<sup>b</sup>), or -N(R<sup>a</sup>)C(=O)N(R<sup>a</sup>R<sup>b</sup>),
- (3) -C<sub>1-4</sub> haloalkyl,
- (4) -O-C<sub>1-4</sub> haloalkyl,
- (5) -OH,
- (6) halo,
- (7) -CN,
- (8) -NO<sub>2</sub>,
- (9) -N(R<sup>a</sup>R<sup>b</sup>),
- (10) -SR<sup>c</sup>,
- (11) -S(=O)R<sup>c</sup>,
- (12) -SO<sub>2</sub>R<sup>c</sup>,
- (13) -N(R<sup>a</sup>)SO<sub>2</sub>R<sup>c</sup>,
- (14) -SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>),
- (15) -N(R<sup>a</sup>)C(=O)R<sup>b</sup>, or
- (16) -N(R<sup>a</sup>)CO<sub>2</sub>R<sup>c</sup>; and

R<sup>6</sup> is:

- (1) -OH,
- (2) -O-C<sub>1-6</sub> alkyl,
- (3) -N(R<sup>u</sup>R<sup>v</sup>),
- (4) -O-C<sub>1-6</sub> haloalkyl,
- (5) -O-C<sub>1-6</sub> alkyl-aryl
- (6) -O-C<sub>1-6</sub> alkyl-HetB, or
- (7) -O-C<sub>1-6</sub> alkyl-HetC,

wherein

R<sup>u</sup> is -H or -C<sub>1-6</sub> alkyl;

R<sup>v</sup> is -H, -C<sub>1-6</sub> alkyl, -C<sub>3-6</sub> cycloalkyl, or independently has the same definition as R<sup>1</sup> above;

HetB is a 5- or 6-membered saturated or mono-unsaturated ring containing from 1 to 4 heteroatoms independently selected from N, O and S, wherein the ring is optionally substituted with from 1 to 5 substituents each of which is

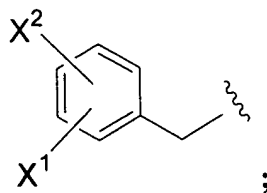
independently halogen, -C<sub>1-6</sub> alkyl, -C<sub>1-6</sub> haloalkyl, -O-C<sub>1-6</sub> alkyl, -O-C<sub>1-6</sub> haloalkyl, or oxo; and

HetC is a 5- or 6-membered heteroaromatic ring containing from 1 to 4 heteroatoms independently selected from N, O and S, wherein the heteroaromatic ring is optionally substituted with from 1 to 4 substituents each of which is independently -C<sub>1-6</sub> alkyl, -C<sub>1-6</sub> haloalkyl, -O-C<sub>1-6</sub> alkyl, -O-C<sub>1-6</sub> haloalkyl, or oxo.

3. (original) The compound according to claim 2, or a pharmaceutically acceptable salt thereof, wherein in R<sup>1</sup> is -(CH<sub>2</sub>)<sub>1-4</sub>-phenyl, wherein the phenyl is optionally substituted with from 1 to 3 substituents each of which is independently

- (1) -C<sub>1-4</sub> alkyl, optionally mono-substituted with -OH, -O-C<sub>1-4</sub> alkyl, -O-C<sub>1-4</sub> haloalkyl, -CN, -N(R<sup>a</sup>R<sup>b</sup>), -C(=O)N(R<sup>a</sup>R<sup>b</sup>), -C(=O)R<sup>a</sup>, -CO<sub>2</sub>R<sup>c</sup>, -S(O)<sub>n</sub>R<sup>c</sup>, or -SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>),
- (2) -O-C<sub>1-4</sub> alkyl,
- (3) -C<sub>1-4</sub> haloalkyl,
- (4) -O-C<sub>1-4</sub> haloalkyl,
- (5) -OH,
- (6) halo,
- (7) -CN,
- (8) -NO<sub>2</sub>,
- (9) -N(R<sup>a</sup>R<sup>b</sup>),
- (10) -SR<sup>c</sup>,
- (11) -S(=O)R<sup>c</sup>,
- (12) -SO<sub>2</sub>R<sup>c</sup>,
- (13) -N(R<sup>a</sup>)SO<sub>2</sub>R<sup>c</sup>,
- (14) -SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>),
- (15) -N(R<sup>a</sup>)C(=O)R<sup>b</sup>, or
- (16) -N(R<sup>a</sup>)CO<sub>2</sub>R<sup>c</sup>.

4. (original) The compound according to claim 3, or a pharmaceutically acceptable salt thereof, wherein R<sup>1</sup> is:



wherein X<sup>1</sup> and X<sup>2</sup> are each independently

- (1) -H,
- (2) methyl,
- (3) ethyl,
- (4) methoxy,
- (5) ethoxy,
- (6) -CF<sub>3</sub>,
- (7) fluoro,
- (8) bromo, or
- (9) chloro.

5. (original) The compound according to claim 4, or a pharmaceutically acceptable salt thereof, wherein R<sup>1</sup> is 4-fluorobenzyl.

6. (original) The compound according to claim 1, or a pharmaceutically acceptable salt thereof, wherein:

R<sup>2</sup> is -H or -C<sub>1-4</sub> alkyl;

R<sup>3</sup> is -H or -C<sub>1-4</sub> alkyl;

R<sup>4</sup> is:

- (1) -H,
- (2) -C<sub>1-4</sub> alkyl optionally substituted with one of -OH, -O-C<sub>1-4</sub> alkyl, -O-C<sub>1-4</sub> haloalkyl, -CN, -N(R<sup>a</sup>R<sup>b</sup>), -C(=O)N(R<sup>a</sup>R<sup>b</sup>), -C(=O)R<sup>a</sup>, -CO<sub>2</sub>R<sup>c</sup>, -S(O)<sub>n</sub>R<sup>c</sup>, -SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>), -N(R<sup>a</sup>)-C(R<sup>b</sup>)=O, -N(R<sup>a</sup>)SO<sub>2</sub>R<sup>b</sup>, or -N(R<sup>a</sup>)SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>),
- (3) -C(=O)N(R<sup>a</sup>R<sup>b</sup>),
- (4) -R<sup>k</sup>,
- (5) -C<sub>1-4</sub> alkyl substituted with R<sup>k</sup>,
- (6) -C<sub>1-4</sub> alkyl-O-R<sup>k</sup>, or



- (7) -C<sub>1-4</sub> alkyl-O-C<sub>1-4</sub> alkyl-R<sup>k</sup>; and

R<sup>5</sup> is -H.

7. (original) The compound according to claim 1, or a pharmaceutically acceptable salt thereof, wherein R<sup>6</sup> is:

- (1) -OH,
- (2) -O-C<sub>1-4</sub> alkyl,
- (3) -N(R<sup>u</sup>R<sup>v</sup>),
- (4) -O-C<sub>1-4</sub> haloalkyl,
- (5) -O-C<sub>1-4</sub> alkyl-aryl
- (6) -O-C<sub>1-4</sub> alkyl-HetB, or
- (7) -O-C<sub>1-4</sub> alkyl-HetC,

wherein

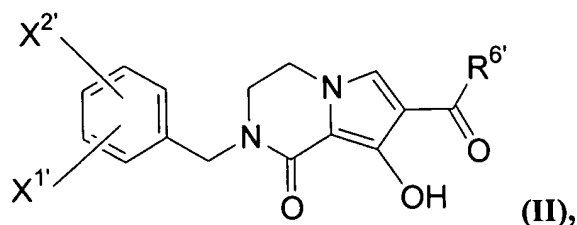
R<sup>u</sup> is -H or -C<sub>1-4</sub> alkyl;

R<sup>v</sup> is -H, -C<sub>1-4</sub> alkyl, or cyclopropyl;

HetB is a 5- or 6-membered saturated ring containing a total of from 1 to 4 heteroatoms independently selected from 1 to 4 N atoms, from 0 to 2 O atoms, and from 0 to 2 S atoms, wherein the saturated ring is optionally substituted with from 1 to 4 substituents each of which is independently halogen, -C<sub>1-4</sub> alkyl, -C<sub>1-4</sub> haloalkyl, -O-C<sub>1-4</sub> alkyl, -O-C<sub>1-4</sub> haloalkyl, or oxo; and

HetC is a 5- or 6-membered heteroaromatic ring containing a total of from 1 to 4 heteroatoms independently selected from 1 to 4 N atoms, from 0 to 2 O atoms, and from 0 to 2 S atoms, wherein the heteroaromatic ring is optionally substituted with from 1 to 3 substituents each of which is independently -C<sub>1-4</sub> alkyl, -C<sub>1-4</sub> haloalkyl, -O-C<sub>1-4</sub> alkyl, -O-C<sub>1-4</sub> haloalkyl, or oxo.

8. (original) A compound of Formula (II), or a pharmaceutically acceptable salt thereof:



wherein:

X<sup>1'</sup> and X<sup>2'</sup> are each independently:

- (1) -H,
- (2) C<sub>1-4</sub> alkyl,
- (2) -O-C<sub>1-4</sub> alkyl,
- (3) -C<sub>1-4</sub> haloalkyl,
- (4) -O-C<sub>1-4</sub> haloalkyl, or
- (5) halo; and

R<sup>6'</sup> is:

- (1) -OH,
- (2) -O-C<sub>1-4</sub> alkyl, or
- (3) -N(R<sup>u</sup>R<sup>v</sup>);

wherein

R<sup>u</sup> is -H or -C<sub>1-4</sub> alkyl; and

R<sup>v</sup> is -C<sub>1-4</sub> alkyl or cyclopropyl.

9. (original) A compound according to claim 8, or a pharmaceutically acceptable salt thereof, wherein:

wherein X<sup>1'</sup> and X<sup>2'</sup> are each independently:

- (1) -H,
- (2) methyl,
- (2) -OCH<sub>3</sub>,
- (3) -CF<sub>3</sub>,
- (4) -OCF<sub>3</sub>,
- (5) chloro,
- (6) fluoro, or
- (7) bromo; and

R<sup>6'</sup> is:

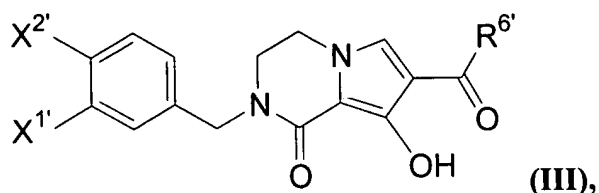
- (1) -OH,
- (2) methoxy
- (3) ethoxy
- (4) -N(R<sup>u</sup>R<sup>v</sup>);

wherein

R<sup>u</sup> is -H; and

R<sup>v</sup> is methyl, ethyl, or cyclopropyl.

10. (original) The compound according to claim 8, which is a compound of Formula (III), or a pharmaceutically acceptable salt thereof:



wherein X<sup>1'</sup> and X<sup>2'</sup> are each independently -H or halo.

11. (original) The compound according to claim 10, or a pharmaceutically acceptable salt thereof, wherein

X<sup>1'</sup> and X<sup>2'</sup> are each independently -H, fluoro, chloro, or bromo; and

R<sup>6'</sup> is:

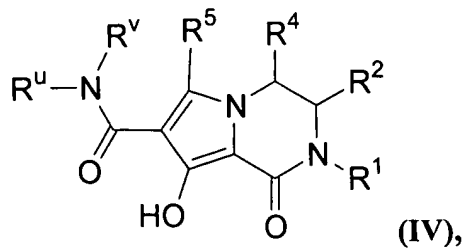
- (1) -OH,
- (2) methoxy
- (3) ethoxy
- (4) -N(R<sup>u</sup>R<sup>v</sup>);

wherein

R<sup>u</sup> is -H; and

R<sup>v</sup> is methyl, ethyl, or cyclopropyl.

12. (original) A compound according to claim 1, or a pharmaceutically acceptable salt thereof, which is a compound of Formula (IV):



wherein

R<sup>u</sup> is -H or -C<sub>1-6</sub> alkyl;

R<sup>v</sup> is C<sub>1-6</sub> alkyl which is substituted with 1 or 2 substituents each of which is independently:

- (1) C<sub>3-8</sub> cycloalkyl,
- (2) aryl,
- (3) a 5- or 6-membered saturated or mono-unsaturated heterocyclic ring containing from 1 to 4 heteroatoms independently selected from N, O and S,
- (4) a 5- or 6-membered heteroaromatic ring containing from 1 to 4 heteroatoms independently selected from N, O and S, or
- (5) a 9- or 10-membered fused bicyclic heterocycle containing from 1 to 4 heteroatoms independently selected from N, O and S, wherein at least one of the rings is aromatic;

wherein

- (A) each cycloalkyl is optionally substituted with from 1 to 3 substituents, each of which is independently halo, -C<sub>1-6</sub> alkyl, or -O-C<sub>1-6</sub> alkyl;
- (B) each aryl is optionally substituted with from 1 to 5 substituents each of which is independently
  - (1) -C<sub>1-6</sub> alkyl, optionally substituted with from 1 to 3 substituents each of which is independently -OH, -O-C<sub>1-6</sub> alkyl, -O-C<sub>1-6</sub> haloalkyl, -CN, -NO<sub>2</sub>, -N(R<sup>a</sup>R<sup>b</sup>), -C(=O)N(R<sup>a</sup>R<sup>b</sup>), -C(=O)R<sup>a</sup>, -CO<sub>2</sub>R<sup>c</sup>, -S(O)<sub>n</sub>R<sup>c</sup>, -SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>), -N(R<sup>a</sup>)C(=O)R<sup>b</sup>, -N(R<sup>a</sup>)CO<sub>2</sub>R<sup>c</sup>, -N(R<sup>a</sup>)SO<sub>2</sub>R<sup>c</sup>, -N(R<sup>a</sup>)SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>), -OC(=O)N(R<sup>a</sup>R<sup>b</sup>), or -N(R<sup>a</sup>)C(=O)N(R<sup>a</sup>R<sup>b</sup>),
  - (2) -O-C<sub>1-6</sub> alkyl, optionally substituted with from 1 to 3 substituents each of which is independently -OH, -O-C<sub>1-6</sub> alkyl, -O-C<sub>1-6</sub> haloalkyl, -S(O)<sub>n</sub>R<sup>c</sup>, -C(=O)N(R<sup>a</sup>R<sup>b</sup>), -SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>), -N(R<sup>a</sup>)C(=O)R<sup>b</sup>, -N(R<sup>a</sup>)CO<sub>2</sub>R<sup>c</sup>, -N(R<sup>a</sup>)SO<sub>2</sub>R<sup>c</sup>, -N(R<sup>a</sup>)SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>), -OC(=O)N(R<sup>a</sup>R<sup>b</sup>), or -N(R<sup>a</sup>)C(=O)N(R<sup>a</sup>R<sup>b</sup>),
  - (3) -C<sub>1-6</sub> haloalkyl,
  - (4) -O-C<sub>1-6</sub> haloalkyl,
  - (5) -OH,
  - (6) halo,
  - (7) -CN,
  - (8) -NO<sub>2</sub>,

- (9) -N(R<sup>a</sup>R<sup>b</sup>),
  - (10) -C(=O)N(R<sup>a</sup>R<sup>b</sup>),
  - (11) -C(=O)R<sup>a</sup>,
  - (12) -CO<sub>2</sub>R<sup>c</sup>,
  - (13) -SR<sup>c</sup>,
  - (14) -S(=O)R<sup>c</sup>,
  - (15) -SO<sub>2</sub>R<sup>c</sup>,
  - (16) -N(R<sup>a</sup>)SO<sub>2</sub>R<sup>c</sup>,
  - (17) -SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>),
  - (18) -N(R<sup>a</sup>)C(=O)R<sup>b</sup>, or
  - (19) -N(R<sup>a</sup>)CO<sub>2</sub>R<sup>c</sup>;
- (C) each saturated or mono-unsaturated heterocyclic ring is
- (i) optionally substituted with from 1 to 5 substituents each of which is independently halogen, -C<sub>1-6</sub> alkyl, -C<sub>1-6</sub> haloalkyl, -O-C<sub>1-6</sub> alkyl, -O-C<sub>1-6</sub> haloalkyl, or oxo; and
  - (ii) optionally substituted with 1 or 2 substituents each of which is independently aryl or a 5- or 6-membered heteroaromatic ring containing from 1 to 4 heteroatoms independently selected from N, O and S; and
- (D) each heteroaromatic ring or each fused bicyclic heterocycle is
- (i) optionally substituted with from 1 to 7 substituents each of which is independently halogen, -C<sub>1-6</sub> alkyl, -C<sub>1-6</sub> haloalkyl, -O-C<sub>1-6</sub> alkyl, -O-C<sub>1-6</sub> haloalkyl, or oxo; and
  - (ii) optionally substituted with 1 or 2 substituents each of which is independently aryl or -C<sub>1-6</sub> alkyl-aryl; and

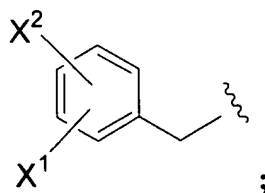
R<sup>1</sup> is -H or -C<sub>1-6</sub> alkyl.

13. (original) The compound according to claim 12, or a pharmaceutically acceptable salt thereof, wherein R<sup>v</sup> is -C<sub>1-4</sub> alkyl mono-substituted with aryl; wherein the aryl is optionally substituted with from 1 to 4 substituents each of which is independently

- (1) -C<sub>1-4</sub> alkyl, optionally mono-substituted with -OH, -O-C<sub>1-4</sub> alkyl, -O-C<sub>1-4</sub> haloalkyl, -CN, -N(R<sup>a</sup>R<sup>b</sup>), -C(=O)N(R<sup>a</sup>R<sup>b</sup>), -C(=O)R<sup>a</sup>, -CO<sub>2</sub>R<sup>c</sup>, -S(O)<sub>n</sub>R<sup>c</sup>, -SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>), -N(R<sup>a</sup>)C(=O)R<sup>b</sup>, -N(R<sup>a</sup>)CO<sub>2</sub>R<sup>c</sup>, -N(R<sup>a</sup>)SO<sub>2</sub>R<sup>c</sup>, -N(R<sup>a</sup>)SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>), -OC(=O)N(R<sup>a</sup>R<sup>b</sup>), or -N(R<sup>a</sup>)C(=O)N(R<sup>a</sup>R<sup>b</sup>),

- (2) -O-C<sub>1-4</sub> alkyl, optionally mono-substituted with -OH, -O-C<sub>1-4</sub> alkyl, -O-C<sub>1-4</sub> haloalkyl, -S(O)<sub>n</sub>R<sup>c</sup>, -N(R<sup>a</sup>)-CO<sub>2</sub>R<sup>c</sup>, -C(=O)N(R<sup>a</sup>R<sup>b</sup>), -SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>), -N(R<sup>a</sup>)C(=O)R<sup>b</sup>, -N(R<sup>a</sup>)CO<sub>2</sub>R<sup>c</sup>, -N(R<sup>a</sup>)SO<sub>2</sub>R<sup>c</sup>, -N(R<sup>a</sup>)SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>), -OC(=O)N(R<sup>a</sup>R<sup>b</sup>), or -N(R<sup>a</sup>)C(=O)N(R<sup>a</sup>R<sup>b</sup>),
- (3) -C<sub>1-4</sub> haloalkyl,
- (4) -O-C<sub>1-4</sub> haloalkyl,
- (5) -OH,
- (6) halo,
- (7) -CN,
- (8) -NO<sub>2</sub>,
- (9) -N(R<sup>a</sup>R<sup>b</sup>),
- (10) -SR<sup>c</sup>,
- (11) -S(=O)R<sup>c</sup>,
- (12) -SO<sub>2</sub>R<sup>c</sup>,
- (13) -N(R<sup>a</sup>)SO<sub>2</sub>R<sup>c</sup>,
- (14) -SO<sub>2</sub>N(R<sup>a</sup>R<sup>b</sup>),
- (15) -N(R<sup>a</sup>)C(=O)R<sup>b</sup>, or
- (16) -N(R<sup>a</sup>)CO<sub>2</sub>R<sup>c</sup>.

14. (original) The compound according to claim 13, or a pharmaceutically acceptable salt thereof, wherein R<sup>v</sup> is:



wherein X<sup>1</sup> and X<sup>2</sup> are each independently

- (1) -H,
- (2) methyl,
- (3) ethyl,
- (4) methoxy,
- (5) ethoxy,
- (6) -CF<sub>3</sub>,
- (7) fluoro,

- (8) bromo, or
- (9) chloro.

15. (original) The compound according to claim 14, or a pharmaceutically acceptable salt thereof, wherein R<sup>v</sup> is 4-fluorobenzyl.

16. (original) The compound according to claim 12, or a pharmaceutically acceptable salt thereof, wherein:

R<sup>u</sup> is -H;

R<sup>5</sup> is -H;

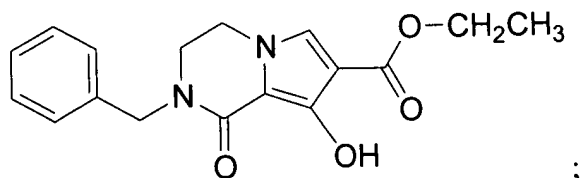
R<sup>4</sup> is:

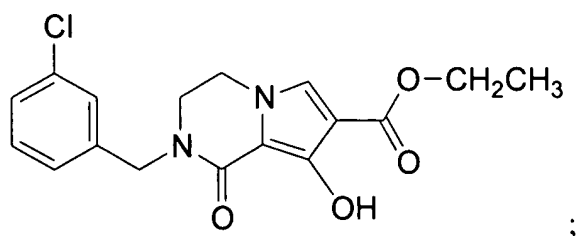
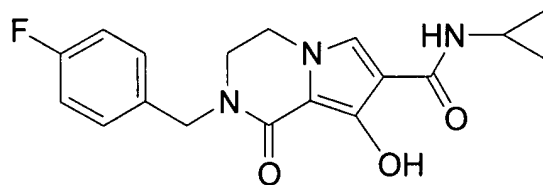
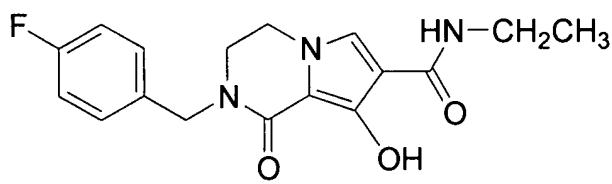
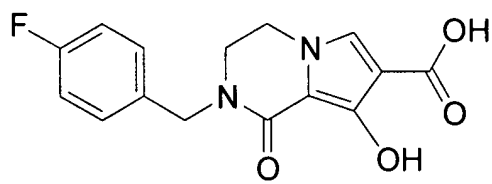
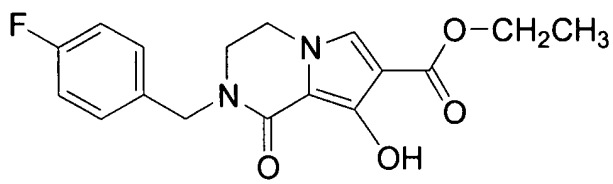
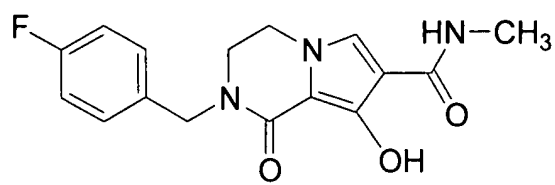
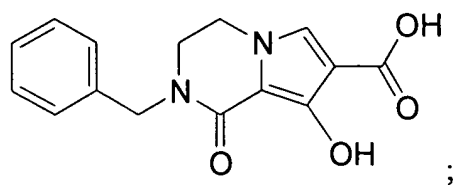
- (1) -H,
- (2) -C<sub>1-4</sub> alkyl optionally substituted with one of -OH, -N(R<sup>a</sup>R<sup>b</sup>), or -C(=O)N(R<sup>a</sup>R<sup>b</sup>),
- (3) -C(=O)N(R<sup>a</sup>R<sup>b</sup>),
- (4) -(CH<sub>2</sub>)<sub>1-3</sub>-R<sup>k</sup>,
- (5) -(CH<sub>2</sub>)<sub>1-3</sub>-O-R<sup>k</sup>, or
- (6) -(CH<sub>2</sub>)<sub>1-3</sub>-O-(CH<sub>2</sub>)<sub>1-3</sub>-R<sup>k</sup>;

R<sup>2</sup> is -H; and

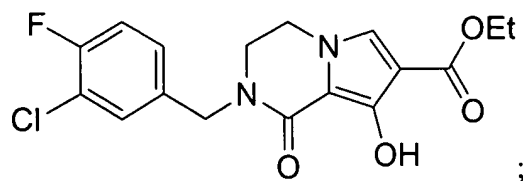
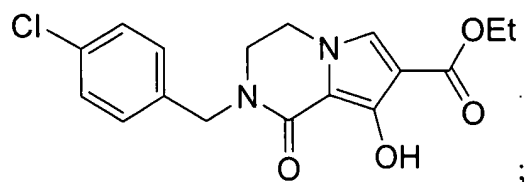
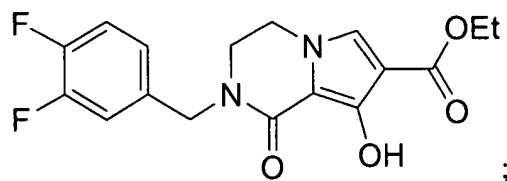
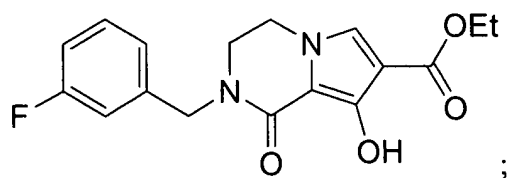
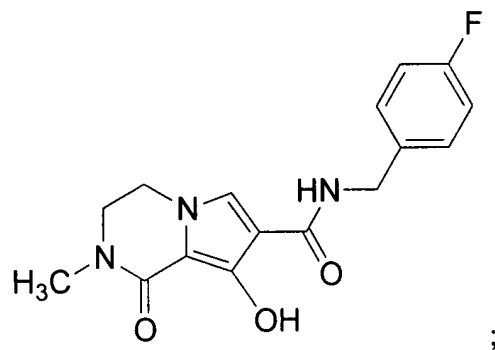
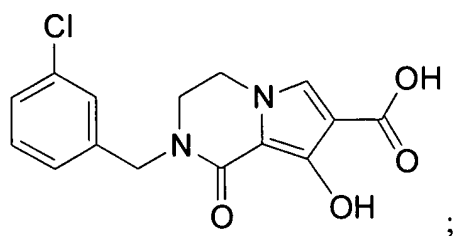
R<sup>1</sup> is -C<sub>1-4</sub> alkyl.

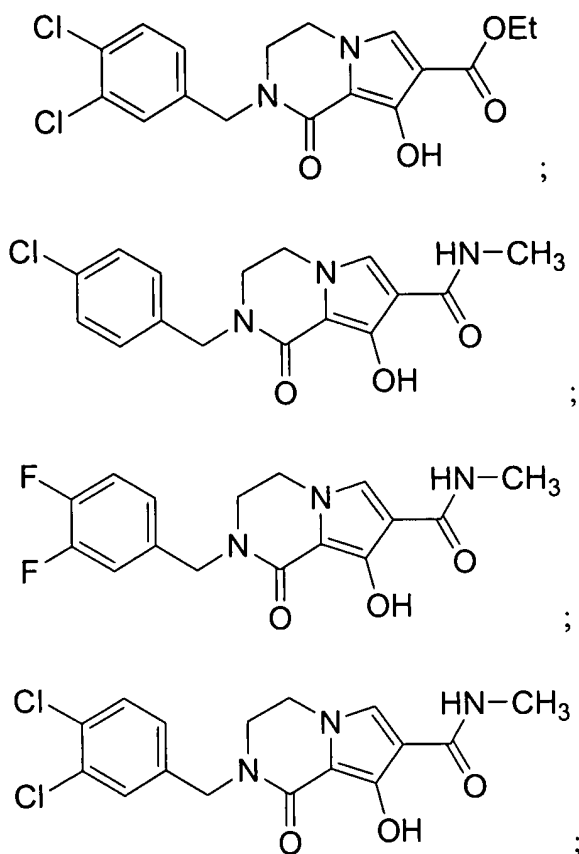
17. (original) A compound selected from the group consisting of:











and pharmaceutically acceptable salts thereof.

18. (original) A pharmaceutical composition comprising a therapeutically effective amount of a compound according to claim 1, or a pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier.

19. (original) A method of inhibiting HIV integrase in a subject in need thereof which comprises administering to the subject a therapeutically effective amount of the compound according to claim 1, or a pharmaceutically acceptable salt thereof.

20. (original) A method for preventing or treating infection by HIV or for preventing, treating or delaying the onset of AIDS in a subject in need thereof which comprises administering to the subject a therapeutically effective amount of the compound according to claim 1, or a pharmaceutically acceptable salt thereof.

21.-22. (canceled)